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Docket No. 4208-4177

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Grundstrom et al.

Group Art Unit: 2667

Serial No.: 10/783,798

Examiner: TBA

Filed: February 20, 2004

For: SYSTEM AND METHOD FOR DEVICE DISCOVERY

**CERTIFICATE OF MAILING (37 C.F.R. §1.8(a))**

Mail Stop \_\_\_\_\_  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

I hereby certify that the attached:

1. Transmittal of Related Case Submission;
2. Related Case Submission;
3. Two (2) Copies of Related Cases;
4. Information Disclosure Statement;
5. Form PTO-1449;
6. Seventeen (17) Cited References;
7. Change of Correspondence Address; and
7. Return Receipt Postcard

along with any paper(s) referred to as being attached or enclosed and this Certificate of Mailing are being deposited with the United States Postal Service on date shown below with sufficient postage as first-class mail in an envelope addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Respectfully submitted,  
MORGAN & FINNEGAN, L.L.P.

Dated: August 19, 2004

By: \_\_\_\_\_

Angus R. Gill  
Registration No. 51,133

**Correspondence Address:**

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Docket No. 4208-4177



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↑CUSTOMER NUMBER↑

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Applicant(s): Grundstrom et al.

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**TRANSMITTAL OF RELATED PENDING APPLICATIONS 37 C.F.R. §1.98(A)2(III)**

Mail Stop \_\_\_\_\_  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is a Related Case Submission listing related pending applications of the above-identified application, pursuant to 37 C.F.R. §1.98(a)2(iii).

- ☒ A copy of each cited pending application is attached.
- ☐ A copy of each related application(s) was submitted in parent application serial no. \_\_\_\_\_, filed \_\_\_\_\_.
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required by this paper, or credit any overpayment to Deposit Account No. 13-4500, Order No. 4208-4177. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.

Respectfully submitted,  
MORGAN & FINNEGAN, L.L.P.

Dated: August 19, 2004

By: \_\_\_\_\_

Angus R. Gill  
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**RELATED CASE  
SUBMISSION**Attorney Docket:  
4208-4177Serial No.:  
10/783,798Applicant:  
Grundstrom et al.Filing Date:  
February 20, 2004Group Art Unit:  
2667**RELATED PENDING APPLICATIONS**

Examiner Initial		Serial No.	Filing Date	Inventor(s)	Patent No. (if applicable)	Issue Date (if applicable)
	1	10/284,135	10/31/02	Ekberg et al.		
	2	10/662,407	9/16/03	Ekberg et al.		
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Examiner			Date Considered			



Docket No. 4208-4177

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Grundstrom et al.

Group Art Unit: TBA

Serial No.: 10/783,798

Examiner: TBA

Filed: February 20, 2004

For: SYSTEM AND METHOD FOR DEVICE DISCOVERY

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop DD  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement is filed in accordance with 37 C.F.R. §§1.56, 1.97 and 1.98. The items listed on Form PTO-1449, a copy of which is enclosed, are made of record to assist the Patent and Trademark Office in its examination of this application. The Examiner is respectfully requested to fully consider the items and to independently ascertain their teaching.

1. ☐ For each of the following items listed on the enclosed copy of Form PTO-1449 that is not in the English language, an English language translation of that item or a portion thereof or a concise explanation of the relevance of that item is enclosed:
2. ☐ For each of the following items listed on the enclosed copy of Form PTO-1449 that is not in the English language, a concise explanation of the relevance of that item is incorporated in the specification of the above-identified application.
3. ☐ Any copy of the items listed on the enclosed copy of Form PTO-1449 that is not enclosed with this Information Disclosure Statement was previously cited by or submitted to the Patent and Trademark Office in application Serial No. \_\_\_\_\_, filed \_\_\_\_\_.
4. ☐ No fee is due under 37 C.F.R. §1.17(p) for this Information Disclosure Statement since it is being filed in compliance with:  
☐ 37 C.F.R. §1.97(b)(1), within three months of the filing date of a national application other than a CPA; or

- ☐ 37 C.F.R. §1.97(b)(2), within three months of the date of entry into the national stage as set forth in §1.491 in an international application; or
- ☒ 37 C.F.R. §1.97(b)(3), before the mailing date of a first Office action on the merits; or
- ☐ 37 C.F.R. §1.97(b)(4) before the mailing date of a first office action after the filing of an RCE under §1.114.
5. ☐ No fee is due under 37 C.F.R. §1.17(p) for this Information Disclosure Statement since it is being filed in compliance with 37 C.F.R. §1.97(c), after the period specified in paragraph 4 above but before the mailing date of a final action or a Notice of Allowance (where there has been no prior final action), and is accompanied by one of the certifications pursuant to 37 C.F.R. §1.97(e) set forth in paragraph 9 below.
6. ☐ A fee is due under 37 C.F.R. §1.17(p) for this Information Disclosure Statement since it is being filed in compliance with 37 C.F.R. §1.97(c), after the period specified in paragraph 4 above but before the mailing date of a final action or a notice of allowance (where there has been no prior final action):
- ☐ A check in the amount of \$180.00 is enclosed in payment of the fee.
- ☐ Charge the fee to Deposit Account No. 13-4500, Order No. \_\_\_\_\_. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.
7. ☐ A fee is due under 37 C.F.R. §1.17(p) for this Information Disclosure Statement since it is being filed in compliance with 37 C.F.R. §1.97(d), after the mailing date of a final action or a notice of allowance, whichever comes first, but before payment of the issue fee, and is accompanied by:
- a. one of the certifications pursuant to 37 C.F.R. §1.97(e) set forth in paragraph 9 below; and
- b. the fee due under 37 C.F.R. §1.17(p) which is paid as set forth in paragraph 11 below.
8. ☐ This Information Disclosure Statement is being filed in compliance with:
- a. ☐ 37 C.F.R. §1.313(b)(3) or §1.313(c)(1), after the issue fee has been paid and information cited in this Information Disclosure Statement may render at least one claim unpatentable and is accompanied by the attached Petition To Withdraw Application From Issue and fee pursuant to 37 C.F.R. §1.17(h);
- b. ☐ 37 C.F.R. §1.313(c)(2) or §1.313(c)(3), after the issue fee has been paid and information cited in this Information Disclosure Statement is to be considered in a Request for Continued Examination (RCE) or a Continuation application upon abandonment of the instant application and is accompanied by the attached Petition To Withdraw Application From Issue and fee pursuant to 37 C.F.R. §1.17(h).
- c. ☐ The fee due under 37 C.F.R. §§1.17(h) is paid as set forth in paragraph 11

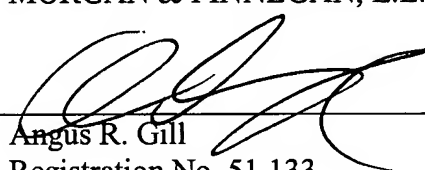
below.

9. ☐ I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.
- ☐ I hereby certify that no item of information in the Information Disclosure Statement filed herewith was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of this Information Disclosure Statement.
10. ☐ This document is accompanied by ☐ a Search Report ☐ Communication which was cited in a corresponding ☐ PCT or ☐ Foreign counterpart application
11. ☐ A check in the amount of \$ \_\_\_\_\_ is enclosed in payment of the fees due under 37 C.F.R. §§1.17(h) and 1.17(p).
- ☐ Charge the fees due under 37 C.F.R. §§1.17(h) and 1.17(p) to Deposit Account No. 13-4500, Order No. \_\_\_\_\_. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required for this Information Disclosure Statement, or credit any overpayment to Deposit Account No. 13-4500, Order No. 4208-4177. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.

Respectfully submitted,  
MORGAN & FINNEGAN, L.L.P.

Dated: August 19, 2004

By: \_\_\_\_\_

  
Angus R. Gill  
Registration No. 51,133

Correspondence Address:

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<b>FORM PTO-1449</b>  <b>INFORMATION DISCLOSURE CITATION</b>	Attorney Docket: 4208-4177	Serial No.: 10/783,798
	Applicant: Grundstrom et al.	
	Filing Date: February 20, 2004	Group Art Unit: 2667

**U.S. PATENT DOCUMENTS**

Examiner Initial	Patent Number	Publication Date	Name	Class	Sub-Class	Filing Date

**FOREIGN PATENT DOCUMENTS**

Examiner Initial	Patent Number	Publication Date	Country	Class	Sub-Class	Translation
	WO 99/41876	08/19/99	PCT			<input type="checkbox"/> Yes <input type="checkbox"/> No
	WO 01/45319	06/21/01	PCT			<input type="checkbox"/> Yes <input type="checkbox"/> No
	WO 03/034664	04/24/03	PCT			<input type="checkbox"/> Yes <input type="checkbox"/> No

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, etc.)**

	"Assigned Numbers", article [online], Bluetooth SIG, Inc., [2 pages retrieved on 2003-09-03]. Retrieved from the Internet: < <a href="http://www.bluetoothsig.org/assigned-numbers/">http://www.bluetoothsig.org/assigned-numbers/</a> >
	"Assigned Numbers – Bluetooth Baseband", article [online], Bluetooth SIG, Inc. [7 pages retrieved on 2003-09-03]. Retrieved from the Internet < <a href="http://www.bluetoothsig.org/assigned-numbers/baseband.htm">http://www.bluetoothsig.org/assigned-numbers/baseband.htm</a> >
	"Assigned Numbers – Link Manager Protocol (LMP)", article [online], Bluetooth SIG, Inc. [1 page retrieved on 2003-09-03]. Retrieved from the Internet < <a href="http://www.bluetoothsig.org/assigned-numbers/lmp.htm">http://www.bluetoothsig.org/assigned-numbers/lmp.htm</a> >
	"Assigned Numbers – Logical Link Control and Adaptation Protocol (L2CAP)", article [online], Bluetooth SIG, Inc. [2 pages retrieved on 2003-09-03]. Retrieved from the Internet < <a href="http://www.bluetoothsig.org/assigned-numbers/l2cap.htm">http://www.bluetoothsig.org/assigned-numbers/l2cap.htm</a> >
	"Assigned Numbers – Service Discovery Protocol (SDP)" (sections 4.1-4.6), article [online], Bluetooth SIG, Inc. [11 pages retrieved on 2003-09-03]. Retrieved from the Internet < <a href="http://www.bluetoothsig.org/assigned-numbers/sdp.htm">http://www.bluetoothsig.org/assigned-numbers/sdp.htm</a> >
	"Assigned Numbers – Service Discovery Protocol (SDP)" (sections 4.7.1-4.7.6), article [online], Bluetooth SIG, Inc. [5 pages retrieved on 2003-09-03]. Retrieved from the Internet < <a href="http://www.bluetoothsig.org/assigned-numbers/host.htm">http://www.bluetoothsig.org/assigned-numbers/host.htm</a> >
	"Assigned Numbers – Company Identifiers", article [online], Bluetooth SIG, Inc. [3 pages retrieved on 2003-09-03]. Retrieved from the Internet < <a href="http://www.bluetoothsig.org/assigned-numbers/company.htm">http://www.bluetoothsig.org/assigned-numbers/company.htm</a> >
	"Assigned Numbers – References", article [online], Bluetooth SIG, Inc. [6 pages retrieved on 2003-09-03]. Retrieved from the Internet < <a href="http://www.bluetoothsig.org/assigned-numbers/tail.htm">http://www.bluetoothsig.org/assigned-numbers/tail.htm</a> >

Examiner	Date Considered
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

<b>FORM PTO-1449</b>  <b>INFORMATION DISCLOSURE CITATION</b>	Attorney Docket: 4208-41771	Serial No.: 10/783,798
	Applicant: Grundstrom et al..	
	Filing Date: February 20, 2004	Group Art Unit: 2667

		"All About The Internet Society", web page [online], Internet Society [2 pages retrieved on 2003-10-23]. Retrieved from the Internet: < <a href="http://www.isoc.org/isoc/">http://www.isoc.org/isoc/</a> >
		"All About The Internet Society : Network and Distributed System Security Symposium", web page [online], Internet Society [1 page retrieved on 2003-10-23]. Retrieved from the Internet: < <a href="http://www.isoc.org/isoc/conferences/ndss/">http://www.isoc.org/isoc/conferences/ndss/</a> >
		"All About The Internet Society : NDSS Conferences", web page [online], Internet Society [1 page retrieved on 2003-10-23]. Retrieved from the Internet: < <a href="http://www.isoc.org/isoc/conferences/ndss/02/">http://www.isoc.org/isoc/conferences/ndss/02/</a> >
		"Network and Distributed System Security Symposium Conference Proceedings", web page [online], Internet Society [2 pages retrieved on 2003-10-23]. Retrieved from the Internet: < <a href="http://www.isoc.org/isoc/conferences/ndss/02/proceedings/">http://www.isoc.org/isoc/conferences/ndss/02/proceedings/</a> >
		Balfanz et al. "Talking to Strangers: Authentication in Ad-Hoc Wireless Networks", Xerox Palo Alto Research Center, (Conference Date: Feb. 6-8, 2002), 13 pages.
		Kammer et al., "Bluetooth Application Developer's Guide: The Short Range Interconnect Solution", Syngress Publishing, Inc., 2002, pages 1-68.
Examiner		Date Considered
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.		